

Rat glial cell derived neurotrophic factor ELISA Kit | GDNF elisa kit

Rat glial cell line-derived neurotrophic factor, GDNF ELISA Kit

CATALOG #
AAA80553

REACTIVITY
Rat

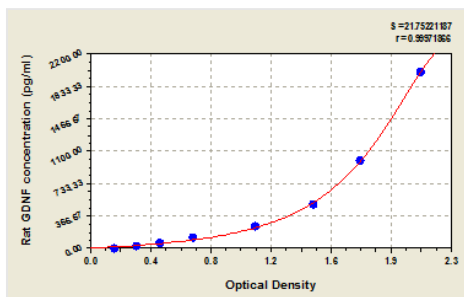
PRODUCT SYNONYMS

glial cell derived neurotrophic factor; Rat glial cell line-derived neurotrophic factor; GDNF ELISA Kit; GDNF ELISA KIT; ATF1; ATF2; HFB1-GDNF; astrocyte-derived trophic factor; glial cell line derived neurotrophic factor; GDNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat GDNF. No significant cross-reactivity or interference between rat GDNF and analogues was observed.
Sequence Length	211
Samples	Serum, plasma, cell culture supernates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.81 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDNF elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GDNF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GDNF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GDNF is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GDNF bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9506721
NCBI GeneID	25453
NCBI Accession #	NP_062012.1
NCBI GenBank Nucleotide #	NM_019139.1
UniProt Accession #	Q07731; Q63214; Q64062; Q64063; Q8R485; Q9QX94; Q9QX95; Q9QXJ7; Q9QXJ8; Q9QXJ9
Molecular Weight	23,619 Da
NCBI Official Full Name	glial cell line-derived neurotrophic factor
NCBI Official Synonym Full Names	glial cell derived neurotrophic factor
NCBI Official Symbol	Gdnf
NCBI Official Synonym Symbols	gndf
NCBI Protein Information	glial cell line-derived neurotrophic factor; ATF; astrocyte-derived trophic factor; Glial cell line derived neutrophic factor; glial cell line derived neurotrophic factor
UniProt Protein Name	Glial cell line-derived neurotrophic factor
UniProt Gene Name	Gdnf
UniProt Synonym Gene Names	ATF
UniProt Entry Name	GDNF_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gdnf-rat-elisa-kits/glial-cell-derived-neurotrophic-factor/80553>